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PTO/SB/05 (03-01)  
5 0051 0032

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**UTILITY**

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	130588.91167
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First Inventor	Nong Ye
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First Invention	Method for Classifying Data . . .	
Title		FI 645040377

Title	Method for
Express Mail Label No.	EL645040377US
Assistant Commissioner	

Express Mail Label No. \_\_\_\_\_

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

- See MPEP chapter 600 concerning                      (e.g., PTO/SB/17)
1. ☒ **Submit Transmittal Form** (e.g., PTO/SB/17)  
(*Submit an original and a duplicate for fee processing*)
2. ☒ **Applicant claims small entity status.**  
See 37 CFR 1.27. [Total Pages 34]
3. ☒ **Specification**  
(*preferred arrangement set forth below*)
- Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (*if filed*)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ **Drawing(s)** (35 U.S.C. 113) [ Total Sheets 3 ]  
[ Total Pages 2 ]
5. **Oath or Declaration**
- a. ☒ **Newly executed (original or copy)**  
Copy from a prior application (37 CFR 1.63 (d))
- b. ☐ **(for continuation/divisional with Box 18 completed)**
- i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ **Application Data Sheet.** See 37 CFR 1.76
- In the appropriate box, enter:

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (*Appendix*)
8. Nucleotide and/or Amino Acid Sequence Submission (*if applicable, all necessary*)
- a. ☐ Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
- ii. ☐ paper
- c. ☐ Statements verifying identity of above copies

☐ Statements Verifying

**ACCOMPANYING APPLICATION PARTS**

cover sheet & document(s)

- ACCOMPANYING AFFIDAVIT**
9. ☒ Assignment Papers (cover sheet & document(s))  
37 CFR 3.73(b) Statement ☒ Power of Attorney  
(when there is an assignee)
10. ☐
11. ☐ English Translation Document (if applicable)  
☐ Copies of IDS Citations
12. ☐ Information Disclosure Statement (IDS)/PTO-1449
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122  
(b)(2)(B)(i). Applicant must attach form PTO/SB/35  
or its equivalent. Specification Cover Sheet.....  
Certificate of Mailing.....
17. ☒ Other: .....
- Below and in a preliminary amendment

6. ☐ Application Data Sheet. See 37 CFR 1.76

18. If a CONTINUING APPLICATION, check appropriate box:  
or in an Application Data Sheet under 37 CFR 1.76:

of prior application No.: \_\_\_\_\_  
Group Art Unit: \_\_\_\_\_

☐ Continuation
 ☐ Divisional
 ☐ Continuation-in-part (CIP)
 Group Art Unit: \_\_\_\_\_

Examiner: \_\_\_\_\_

Prior application information: \_\_\_\_\_

**Divisional APPS only:** The entire disclosure of the prior application, from which an oath or declaration is supplied under 37 CFR 1.156, is hereby incorporated by reference.

The accompanying continuation or divisional application is hereby omitted from the submitted application parts.

Prior application information:  
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, as filed, including any amendments, must be included in the disclosure of this application.  
Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is not to be removed from the submitted application parts.

The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

or ☐ Correspondence address below

19. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

or ☐ Correspondence address below

Name \_\_\_\_\_

Address

City

Country

State

Telephone \_\_\_\_\_

Zip Code

Fax


Registration No. (Attorney/Agent)	47,667
	10/26/

Date 10/26/01

Name (Print/Type)

Cindy Huang, Esq.

Signature

Name (Print/Type)	Cindy Huang, Esq.	Date	10/20/2021
Signature			

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Doc. No.1588139 1

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# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

(\$488.00)

## Complete if Known

Application Number

Filing Date

First Named Inventor

Nong Ye

Examiner Name

Group Art Unit

Attorney Docket No.

130588.91167

## METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number

17-0055

Deposit Account Name

Quarles &amp; Brady LLP

- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

- ☒ Applicant claims small entity status. See 37 CFR 1.27

## 2. Payment Enclosed:

☐

Check

☐

Credit card

☐

Money Order

☐

Other

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101 740	201 370	Utility filing fee	370.00
106 330	206 165	Design filing fee	
107 510	207 255	Plant filing fee	
108 740	208 370	Reissue filing fee	
114 160	214 80	Provisional filing fee	

SUBTOTAL (1) (\$370.00)

## 2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
24	-20** = 4	9	36.00
4	-3** = 1	42	42.00
			78.00

Multiple Dependent

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
103 18	203 9	Claims in excess of 20
102 84	202 42	Independent claims in excess of 3
104 280	204 140	Multiple dependent claim, if not paid
109 84	209 42	** Reissue independent claims over original patent
110 18	210 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)

(\$78.00)

\*\*or number previously paid, if greater; For Reissues, see above

## 3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath	
127 50	227 25	Surcharge - late provisional filing fee or cover sheet	
139 130	139 130	Non-English specification	
147 2,520	147 2,520	For filing a request for ex parte reexamination	
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
115 110	215 55	Extension for reply within first month	
116 400	216 200	Extension for reply within second month	
117 920	217 460	Extension for reply within third month	
118 1,440	218 720	Extension for reply within fourth month	
128 1,960	228 980	Extension for reply within fifth month	
119 320	219 160	Notice of Appeal	
120 320	220 160	Filing a brief in support of an appeal	
121 280	221 140	Request for oral hearing	
138 1,510	138 1,510	Petition to institute a public use proceeding	
140 110	240 55	Petition to revive - unavoidable	
141 1,280	241 640	Petition to revive - unintentional	
142 1,280	242 640	Utility issue fee (or reissue)	
143 460	243 230	Design issue fee	
144 620	244 310	Plant issue fee	
122 130	122 130	Petitions to the Commissioner	
123 50	123 50	Processing fee under 37 CFR 1.17(q)	
126 180	126 180	Submission of Information Disclosure Stmt	40.00
581 40	581 40	Recording each patent assignment per property (times number of properties)	
146 740	246 370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149 740	249 370	For each additional invention to be examined (37 CFR § 1.129(b))	
179 740	279 370	Request for Continued Examination (RCE)	
169 900	169 900	Request for expedited examination of a design application	

Other fee (specify)

SUBTOTAL (3) (\$40.00)

\*Reduced by Basic Filing Fee Paid

SUBMITTED BY

Name (Print/Type)

Cindy Huang, Esq.

Signature

Registration No. (Attorney/Agent)

47,667

Complete (if applicable)

Telephone

(602) 229-5611

Date

10/26/01

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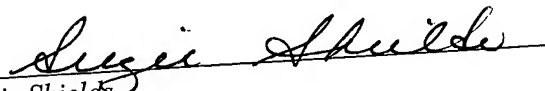
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Doc. No. 1584564 1

# CERTIFICATE OF MAILING PURSUANT TO 37 C.F.R. 1.10

I hereby certify that this package is being deposited with the United States Postal Service on the date set forth below via Express Mail Label No. EL645040377US addressed to:  
Assistant Commissioner for Patents, Box Patent Applications, Washington DC, 20231.

Date of Signature and Deposit: October 26, 2001

  
Suzie Shields

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